

# California Postsecondary Education Commission

## Improving Teacher Quality State Grants Program

### Project Description

Project Title	ALEGRIA - Algebraic Learning for Elementary Grades: Results, Independence, Achievement!		
Grant Amount: \$991403.89	Grant Period: 10/1/08-9/30/12		
Grade Level: K-8	Subject Matter: Mathematics		
Institute of Higher Education	<input type="checkbox"/> CSU San Bernardino		
Local Education Agency	<input type="checkbox"/> Ontario-Montclair School District		
Additional Partners:	<input type="checkbox"/> San Bernardino County Superintendent of Schools		
Need for Project/ Population To Be Served:	<p>Ontario-Montclair School District students are primarily Hispanic and low SES and the vast majority are either ELL or SEL. Vineyard Elementary exemplifies two district-wide significant achievement gaps: 1) between the scores of all Vineyard students and the Caucasian students statewide, and 2) between Vineyard ELL and non-ELLs. Vineyard is transitioning to a K-8 STEM Magnet school, and there is a great need for professional development in math content, pedagogy, and in particular pedagogy in teaching ELL students.</p>		
Project Goals:	<p>ALEGRIA! will provide professional development to all teachers in Vineyard Elementary to increase the mathematics learning and achievement overall, and to reduce the achievement gaps; to increase the math conceptual content knowledge and math knowledge for teaching among the teachers, and to increase their use of effective pedagogical skills, especially for ELL/SELs; to promote cultural and systemic change that results in ongoing improvement and that promotes long-term sustainability; and to create a replicable model with evidence-based successes.</p>		
Summary of Activities:	<p>ALEGRIA! will create, nurture and sustain professional learning communities of teachers and teacher leaders who will achieve the project goals. These communities will meet, learn, and practice in summer academy-style institutes, meet weekly in grade-level PLCs for the academic year, and receive intensive content-based collaborative coaching to support transfer of learning to the classroom. Teacher leaders will be identified, trained, mentored, and given leadership opportunities throughout and beyond the project.</p>		
Outcomes Expected:	<ul style="list-style-type: none"> <li><input type="checkbox"/> Increase the students' mathematics learning and achievement in Vineyard Elementary to reduce the two achievement gaps identified above;</li> <li><input type="checkbox"/> Increase the teachers' math conceptual content knowledge and math knowledge for teaching, especially in the context of ELL students;</li> <li><input type="checkbox"/> Establish cultural and systemic change related to math instruction that results in ongoing improvement and that promotes the long-term sustainability of the interventions; (</li> <li><input type="checkbox"/> Disseminate the model described in Goals 1-3 to promote replication and to increase evidence-based contributions to the teaching and learning knowledge base.</li> </ul>		
Teachers Served	31	Students Served	1800
Project Website: N/A (coming soon)			
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